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Practitioner's Docket No. 116384.00106

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mast, Wendell E.; Nuzzi, Joseph P.

Application No.: 10/780,133

Group No.: 3722

Filed: February 17, 2004

Examiner: Not Yet Assigned

For: SPADE DRILL INSERT HAVING CURVED CUTTING EDGES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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WITHIN THREE MONTHS OF FILING OR
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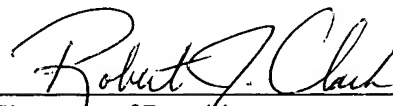
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Date: June 25, 2004

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Signature of Practitioner

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CERTIFICATION UNDER 37 C.F.R. . . 1.8(a) and 1.10*

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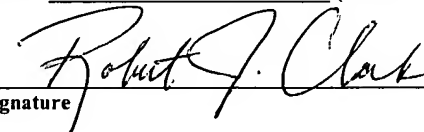
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mast et al. **Examiner:** Not Assigned
Serial Number: 10/780,133 **Art Unit:** 3722
Filing Date: February 17, 2004 **Date:** June 25, 2004

FOR: SPADE DRILL INSERT HAVING CURVED CUTTING EDGES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97

This Information Disclosure Statement is filed within three months of the filing date of this application or before the mailing of an Office Action on the merits, whichever event occurs last, and therefore is considered timely under 37 CFR §1.97(b).

According to the terms of 37 CFR §1.97(g), this Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13, at 25. This Information Disclosure Statement is made to comply with the duty of candor imposed on all individuals associated with the filing or prosecution of this application, as defined by 37 CFR 1.56(c).

A list of ten (10) references cited by the applicant is enclosed on the PTO/SB/08A (substitute PTO-1449) form, which is attached and made a part thereof. As this application was filed after June 30, 2003, copies of cited U.S. Patents are not enclosed.

The foregoing Information Disclosure Statement is based upon the information contained in the undersigned attorney's file as of the filing date of this statement, and is inclusive of the best information known to the undersigned at that date. Prompt consideration of the Information Disclosure Statement and the references by the Examiner is requested.

Respectfully submitted,

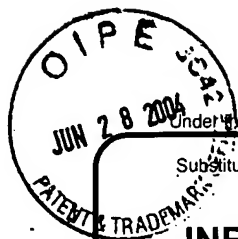
HAHN LOESER & PARKS, LLP

A handwritten signature in black ink, reading "Robert J. Clark". The signature is written in a cursive, flowing style with a large initial "R".

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/780.133
Filing Date	02/17/2004
First Named Inventor	Wendell E. Mast
Art Unit	3722
Examiner Name	Not Yet Assigned
Attorney Docket Number	116384.00106

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US- 1,221,247	04/03/1917	Traylor	
	AB	US- 5,904,455	05/18/1999	Krenzer et al.	
	AC	US- 5,957,631	09/28/1999	Hecht	
	AD	US- 5,971,673	10/26/1999	Berglund et al.	
	AE	US- 5,988,953	11/23/1999	Berglund et al.	
	AF	US- 6,012,881	01/11/2000	Scheer	
	AG	US- 6,685,402 B2	02/03/2004	Mast et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AH	GB 550,306	01/01/1943	Lloyd et al.		
	AI	EP 0 589 858 A1	03/30/1994	Lindblom et al.		
	AJ	DE 42 39 311 A1	05/26/1994	Reinauer et al.		

Examiner
SignatureDate
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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